

California OES Atmospheric River Event Weather Threat Briefing

09 February, 2017
10:00 AM PST

**Day 1: Flooding along small streams and creeks
and some main stem rivers.**

National Weather Service
*Western Region Headquarters
Regional Operations Center
Salt Lake City, UT*



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Key Points

The last in this current series of storms will finally be winding down today. Drier and warmer conditions are expected for the northern 2/3 of California while the south remains wet into Sunday. Although precipitation is decreasing, flooding will continue right into next week.

- Flooding along unregulated rivers, streams, roadways, and low-lying areas today and running high through the weekend.
- Heavy snow will cause hazardous travel over Sierra passes with travel delays likely today with lingering impacts over the weekend.
- Winds will be strong enough to down trees and cause prolonged power outages today through the weekend.
- Rockslides and mudslides possible, especially along mountain slopes and steep grades today.
- Thunderstorms are possible today, with the potential for small hail, very gusty winds, and flash flooding.
- Debris flows are also possible over burn scars with periods of brief heavy rain (greater than 0.50" per hour) Friday.
- The next storm in the upcoming series will begin to impact CA coastline by Wednesday next week.



California OES Impact Threat Matrix

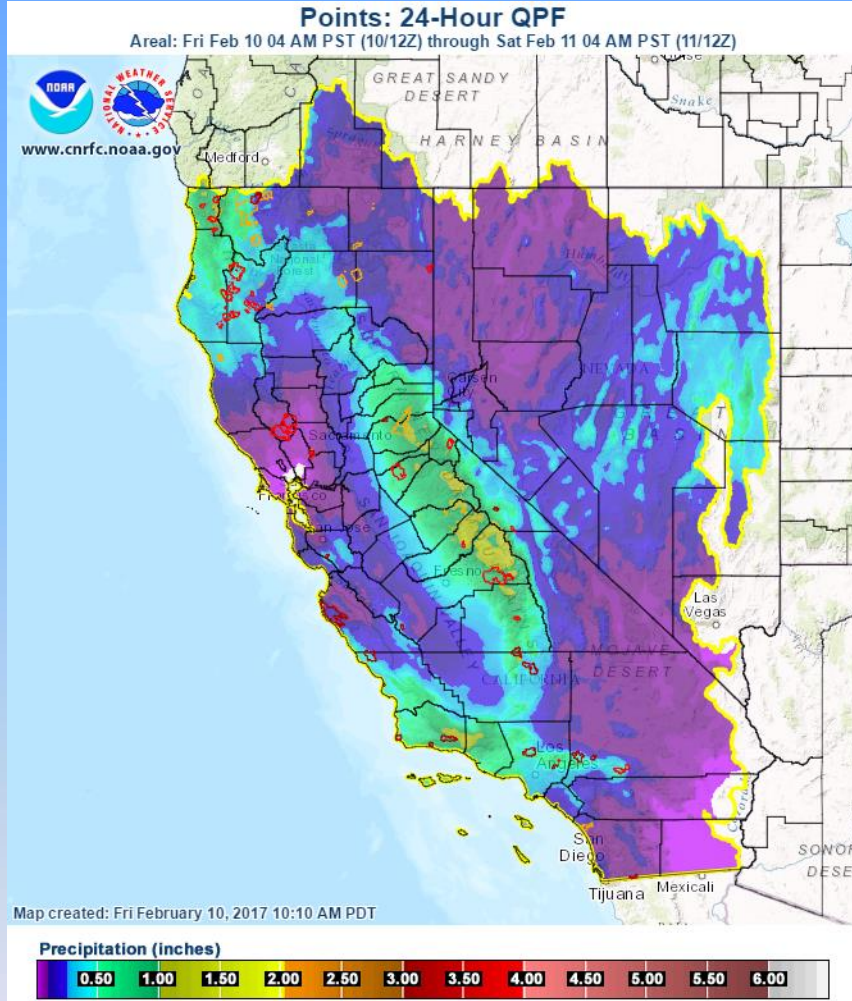
Feb 10, 2017 – Feb 16, 2017

DAY/THREAT	FRI	SAT	SUN	MON	TUE	WED	THU
Freezing Rain							
Winds							
Snow							
Heavy Rain/ Flash Flooding							
Debris Flows/Mud Slides							
River Flooding							

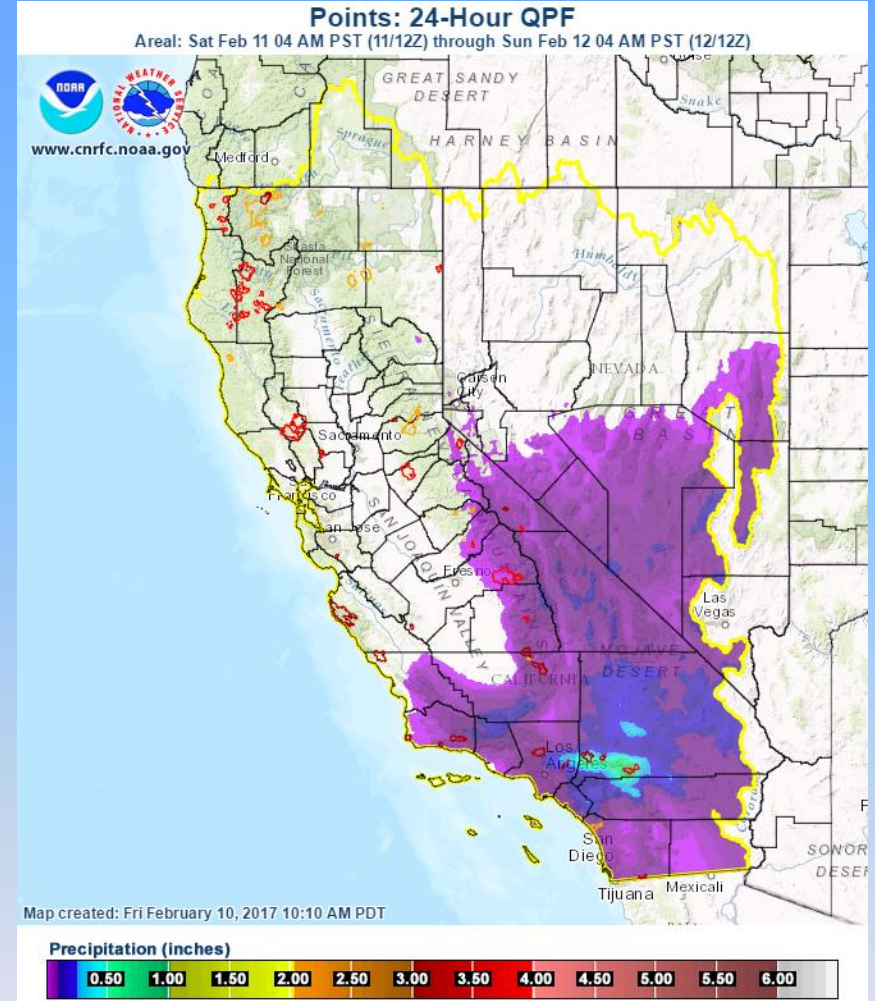
	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat



Days 1-2 Precipitation Forecast



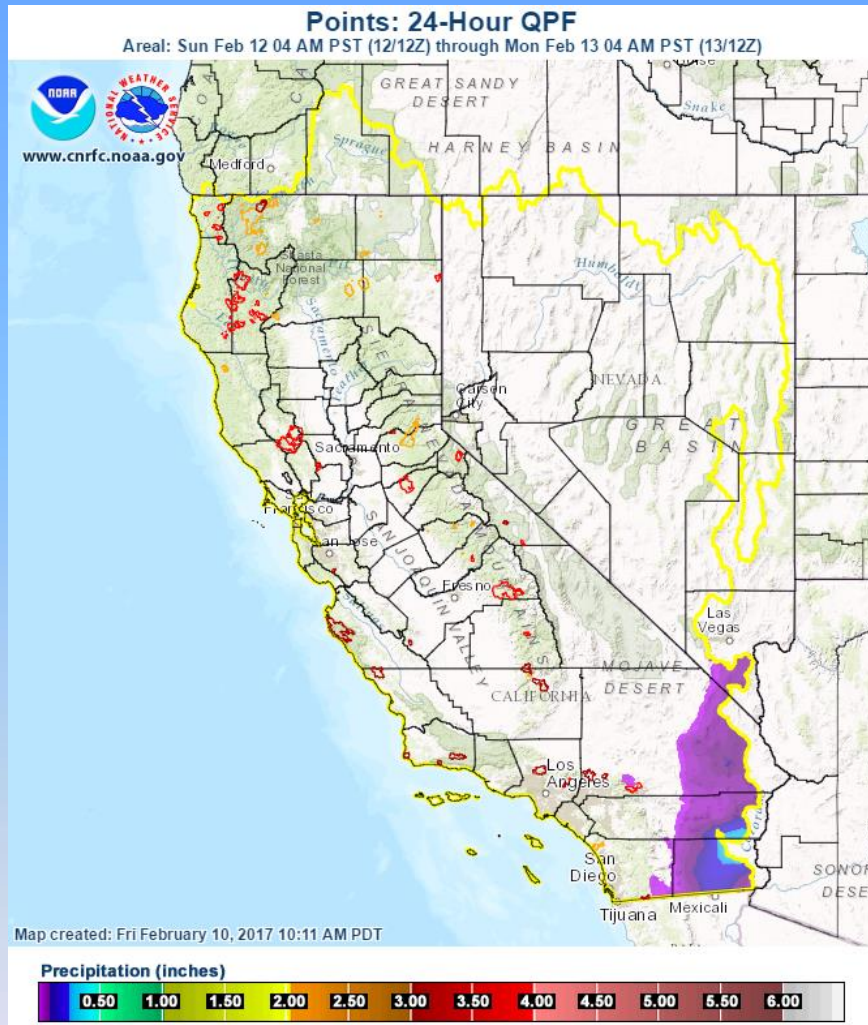
Today



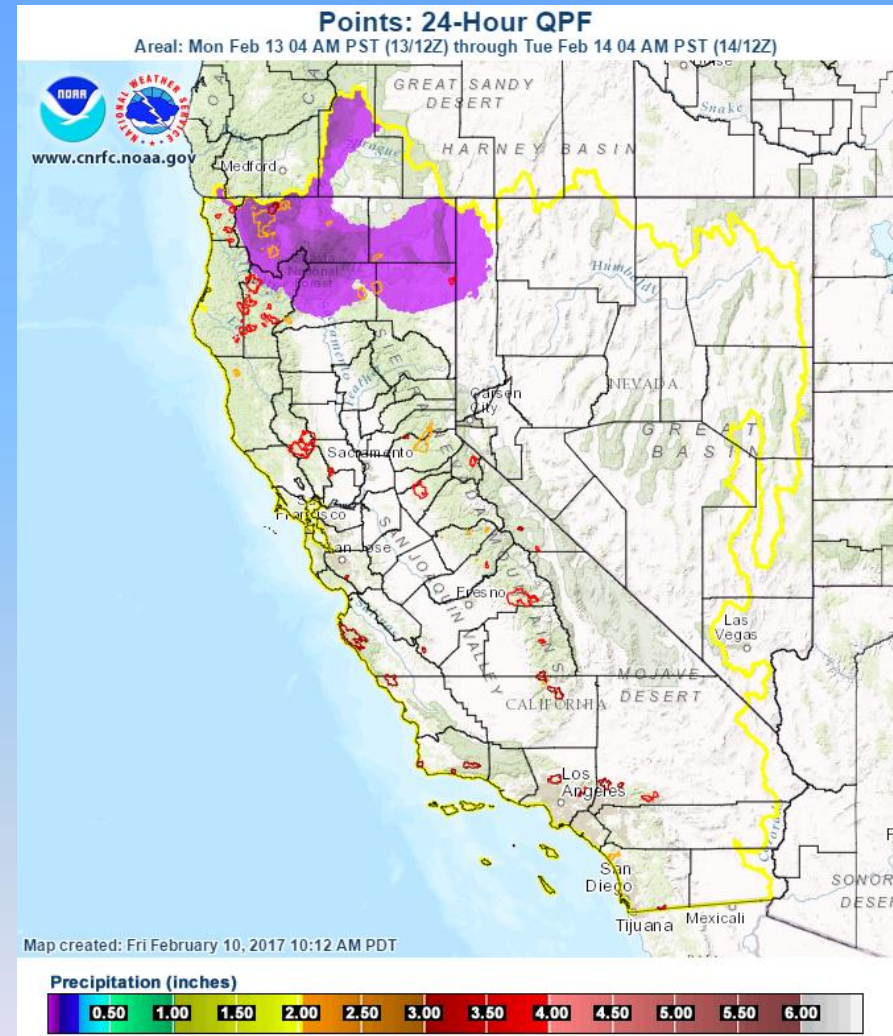
Saturday



Days 3-4 Precipitation Forecast



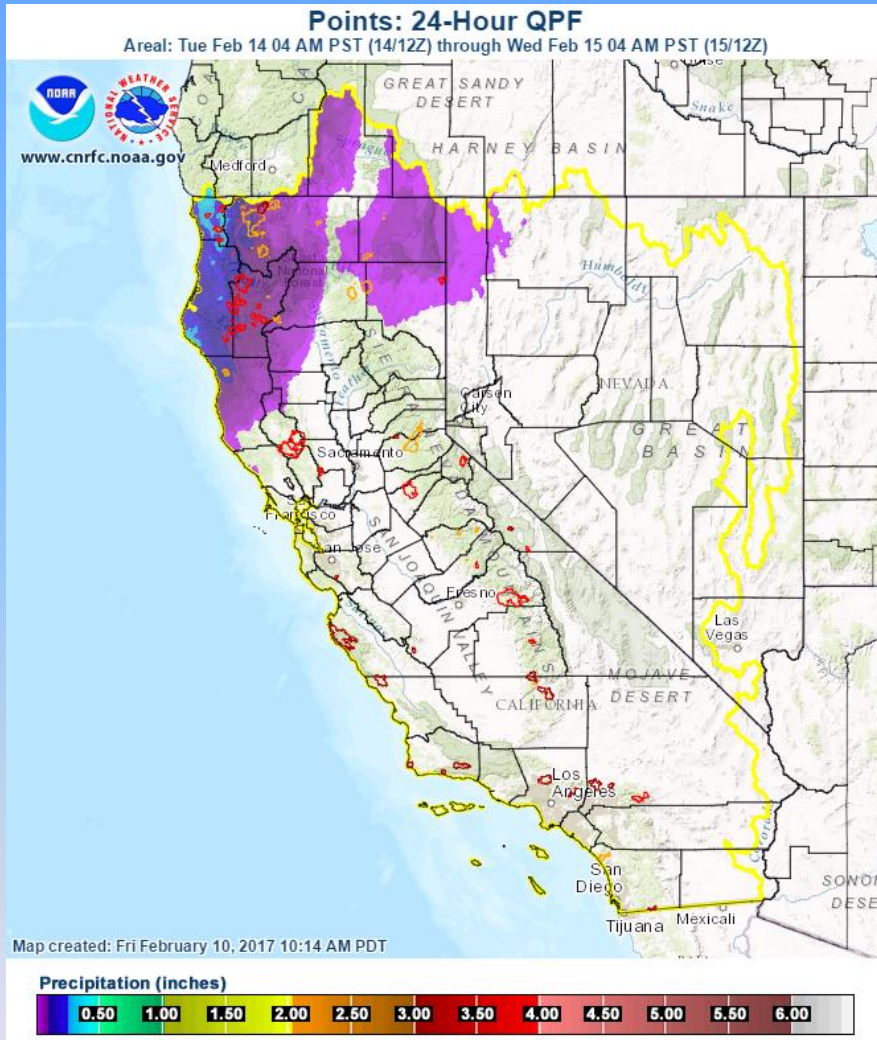
Sunday



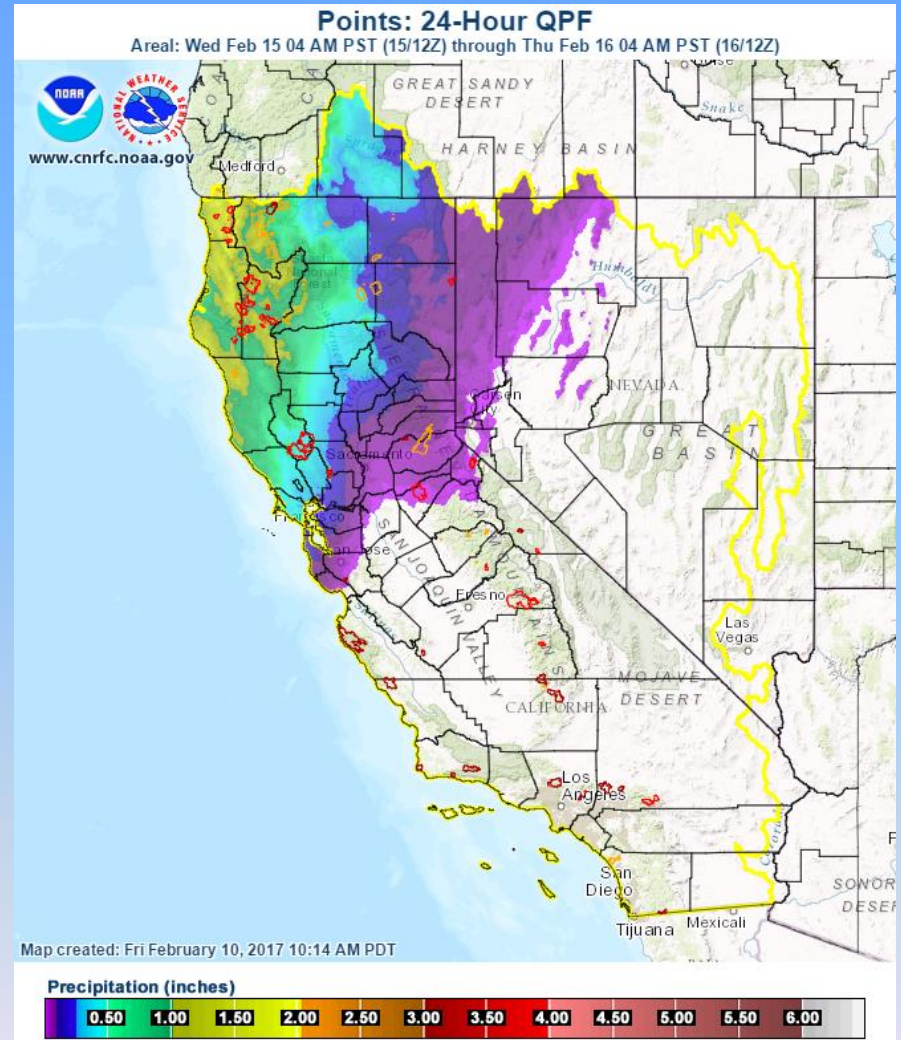
Monday



Days 5-6 Precipitation Forecast



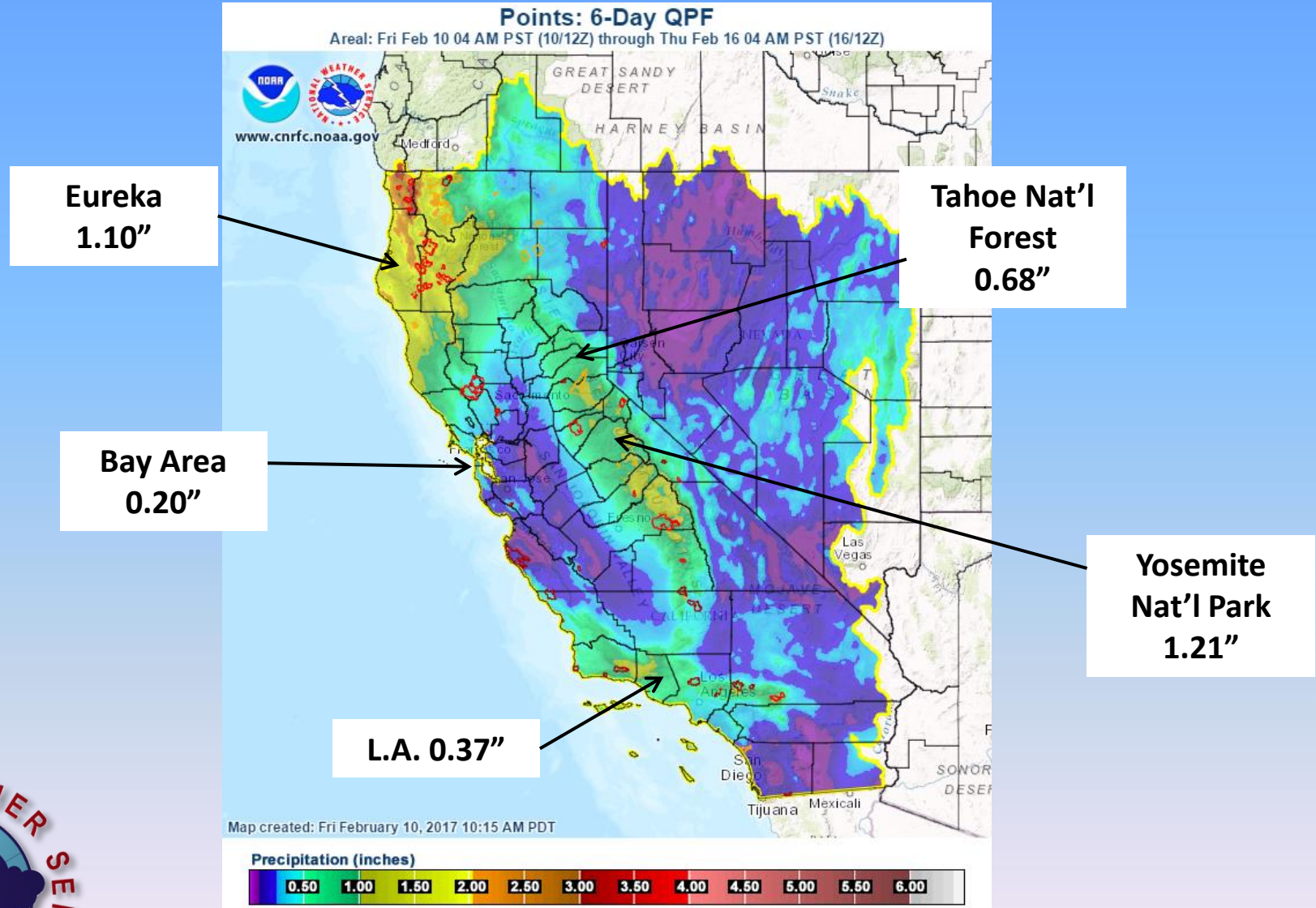
Tuesday



Wednesday

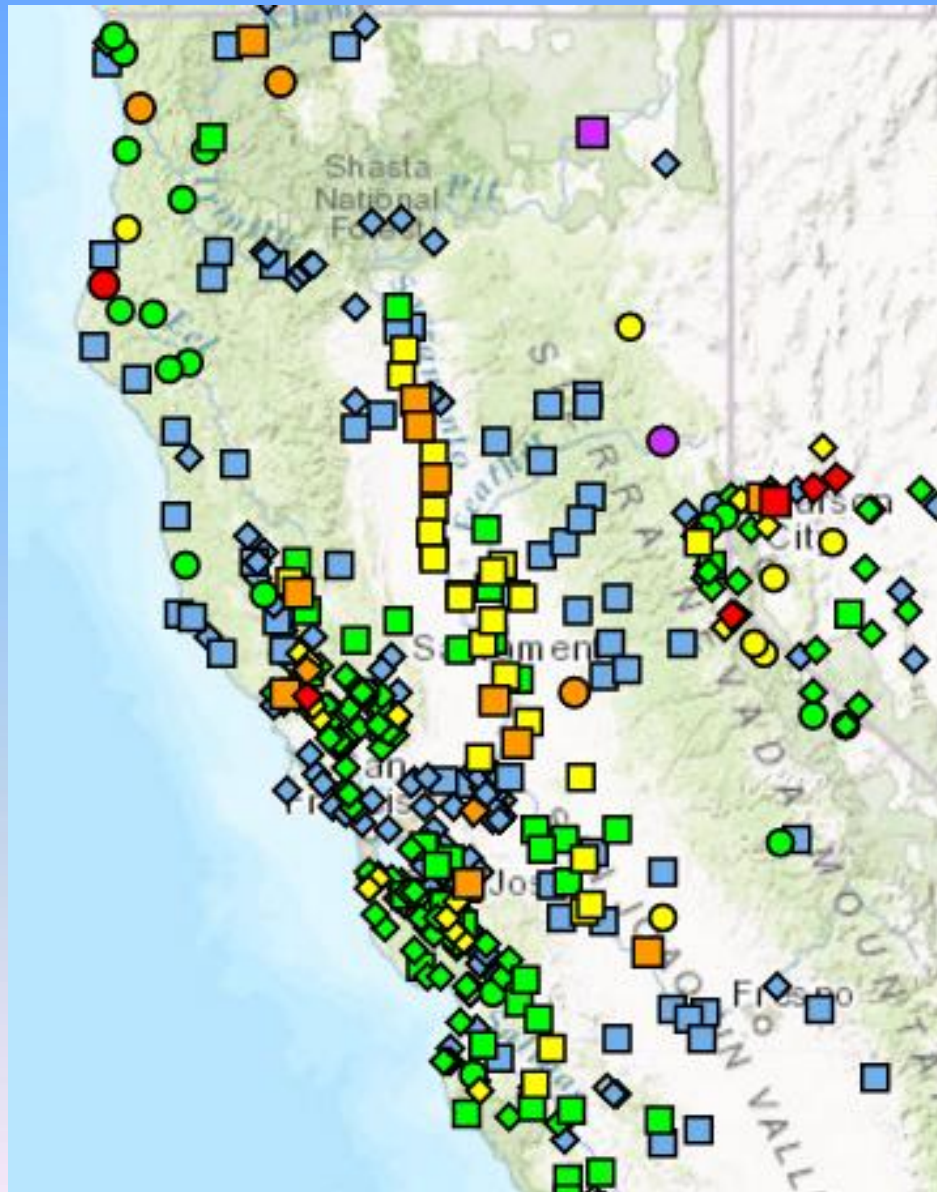


6 Day Precipitation Forecast



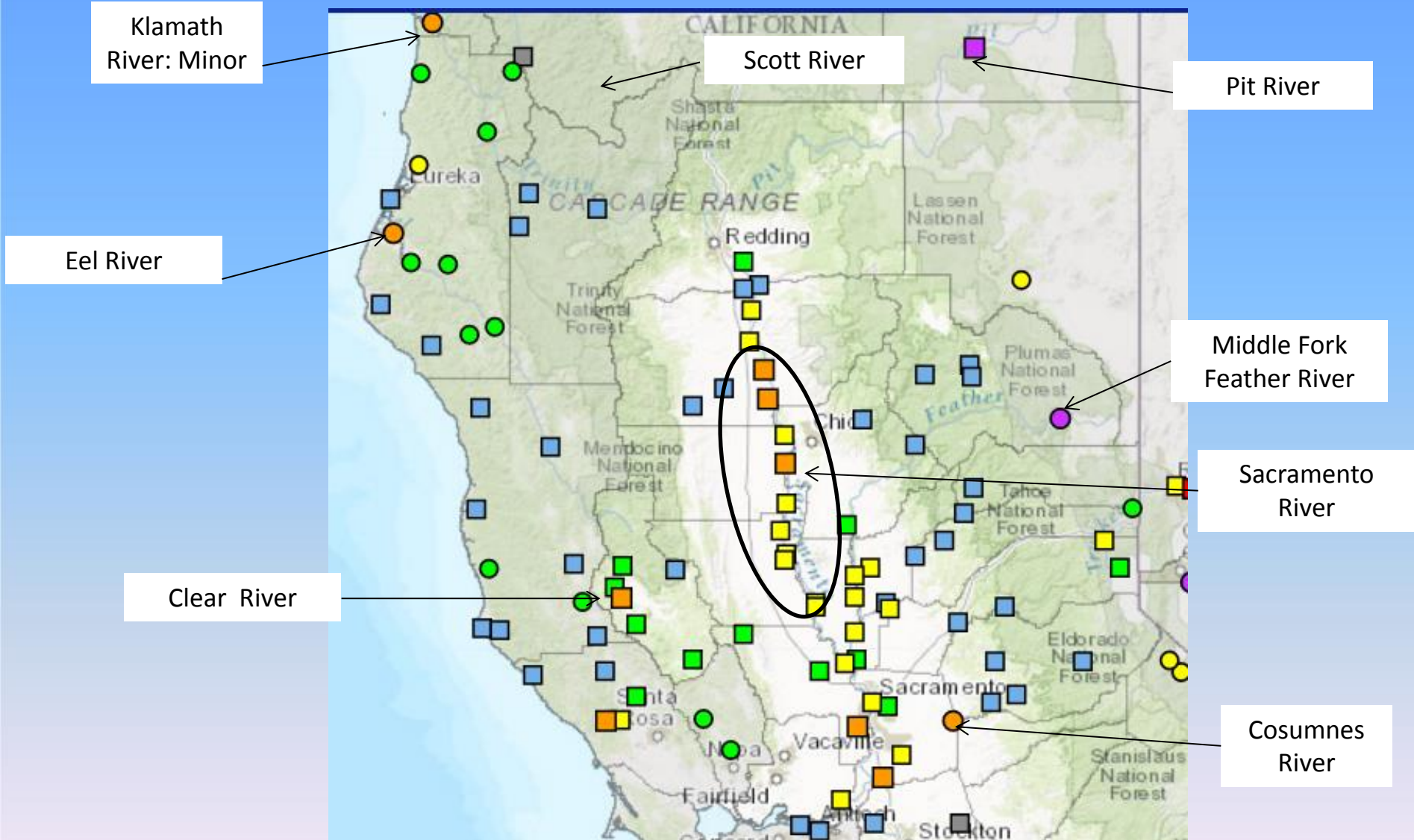
Valid Friday, February 10, 2017 – Thursday, February 16, 2017.

Rising Rivers



- 1 Gauge: Major Flooding
- 3 Gauges: Moderate Flooding
- 33 Gauges: Minor Flooding
- 118 Gauges: Near Flood Stage
- 1445 Gauges: No Flooding
- 219 Flood Category Not Defined
- 2 At or Below Low Water Threshold
- 16 Gauges: Forecasts Are Not Current
- 1674 Gauges: No forecast within selected timeframe
- 52 Gauges: Out of Service

River Forecasts



River Forecasts

Klamath River: Forecast to peak at **minor flood stage early Friday morning:** Impacts include. Flooding of the access road to Klamath Glen from Highway 101 and other low lying areas is likely

Pit River: Forecast peak at **major flood stage overnight tonight into Friday morning.** Impacts include: Expect major flooding in Beiber, Nubeiber, and throughout northwest Lassen county 5400 cfs

Eel River at Fernbridge - Forecast to peak at **moderate flooding overnight tonight into Friday morning.** Impact include: Expect significant flooding of the western portions of Cannibal Island Road, Camp Weott Road, Salt River, Old River, and all adjacent low lying areas. Flooding in these areas is exaggerated when crest timing is coincident with high tides and strong onshore winds, and for longer duration events. Livestock in low lying areas of the Eel Delta are at risk due to rising river levels. Owners of livestock should consider taking appropriate action to protect livestock.

Sacramento River – Forecast to peak at **minor flooding Thursday** with varying impacts:
<http://water.weather.gov/ahps2/forecasts.php?wfo=eka>

Cosumnes River – Forecast to peak at **minor flooding early Friday morning.**

Middle Fork Feather River near Portolaa – Forecast to have a secondary peak at **major Saturday morning.** Impacts include: Major...near record flooding of lowlands...roads...railroads...homes... businesses and structures along river from Beckwourth to Sloat California...including Portola...with significant damage. About 7400 cfs. Like record flood of January 21 1969...7640 cfs

5pm Saturday Forecast

Accumulated Precipitation

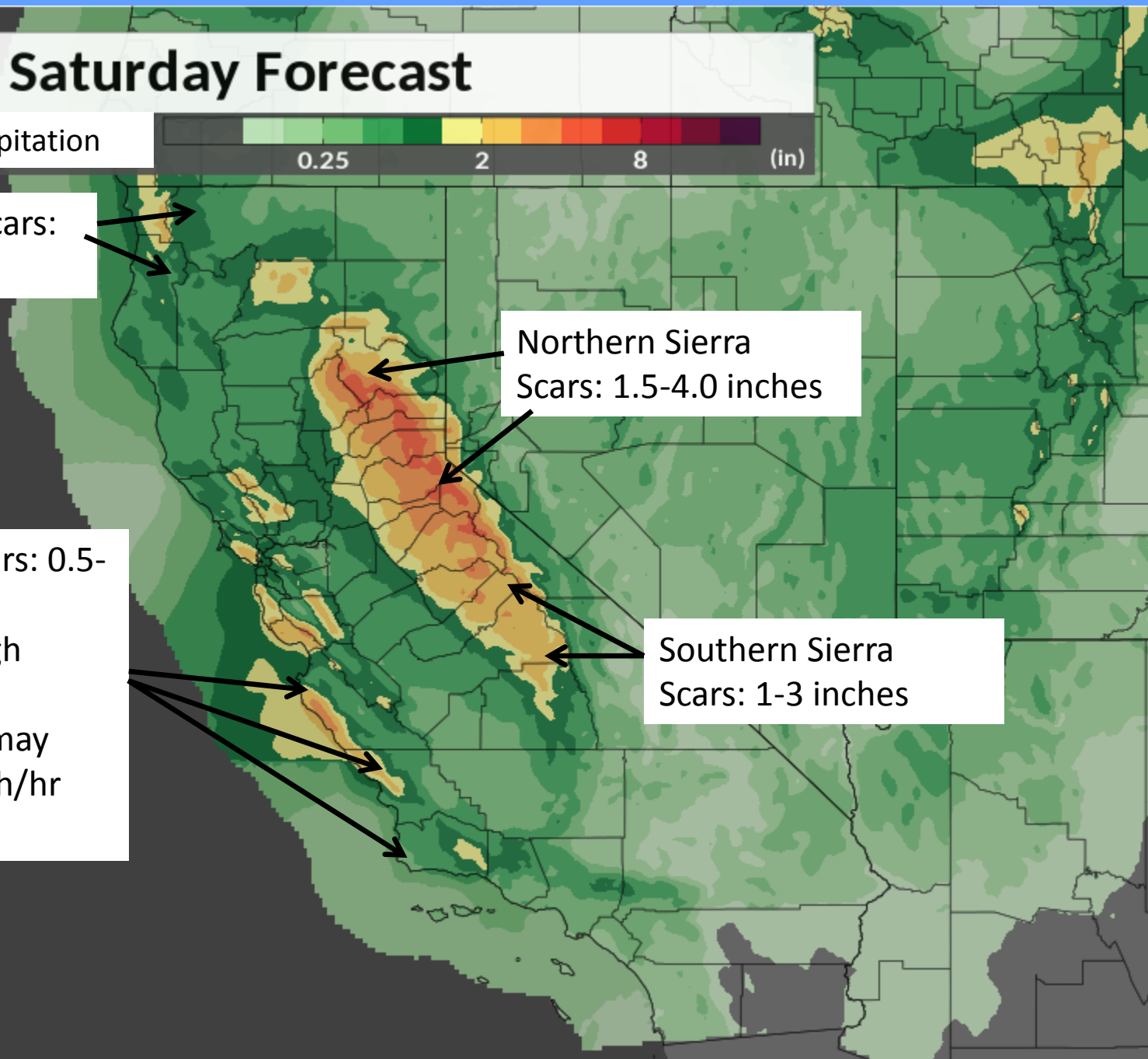


Northwest CA Scars:
1-2 inches

Northern Sierra
Scars: 1.5-4.0 inches

Coastal CA Scars: 0.5-
2 inches
Mainly Through
Friday Night
Brief periods may
reach 0.50 inch/hr
rainfall rates

Southern Sierra
Scars: 1-3 inches



Information provided by:

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